

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|---|---------------------|
| 1 | 83 | speechworks.asn. or scansoft.asn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 18:14 |
| 2 | 8 | (speechworks.asn. or scansoft.asn.) and voice and table | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 17:58 |
| 3 | 8 | "6061651" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 17:59 |
| 4 | 19871 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 18:07 |
| 5 | 3905 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr)) and (voice with prompt\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 18:08 |
| 6 | 768 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr)) and (voice with prompt\$1) same (outside or separat\$3 or independent\$1 or apart or out) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 18:10 |
| 7 | 354 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr)) and (voice with prompt\$1) same (outside or separat\$3 or independent\$1 or apart or out) same (script\$1 or program or code or modul\$2 or application) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 18:11 |
| 8 | 156 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr)) and (voice with prompt\$1) same (outside or separat\$3 or independent\$1 or apart or out) near10 (script\$1 or program or code or modul\$2 or application) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 18:11 |
| 9 | 121 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr)) and (voice with prompt\$1) same (outside or separat\$3 or independent\$1 or apart or out) near10 (script\$1 or program or code or modul\$2 or application)) and (@ad<20010530 or @rlad<20010530 or @prad<20010530) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 18:14 |
| - | 752 | galli.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 16:23 |
| - | 7 | galli.in. and voice | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 16:27 |
| - | 14 | ibm.asn. and voice near4 interactiv\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 16:28 |
| - | 3 | (ibm.asn. and voice near4 interactiv\$3) and (assign\$6 or table) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 16:46 |

| | | | | |
|---|------|--|---|---------------------|
| - | 0 | 2000215022.URPN. | USPAT | 2004/07/19 16:29 |
| - | 0 | 2000215022.URPN. | USPAT | 2004/07/19 16:29 |
| - | 3 | (ibm.asn. and voice near4 interactiv\$3) and (morgan.in. or roberts.in. or craig.in. or alan.in.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 16:47 |
| - | 0 | ibm.in. and (morgan.in. or roberts.in. or craig.in. or alan.in.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 16:47 |
| - | 2773 | ibm.asn. and (morgan.in. or roberts.in. or craig.in. or alan.in.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 16:48 |
| - | 42 | (ibm.asn. and (morgan.in. or roberts.in. or craig.in. or alan.in.)) and voice | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 17:09 |
| - | 470 | voice near4 interact\$5 same (table or hash\$3 or assign\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 17:11 |
| - | 147 | (voice near4 (interact\$5 or respon\$5 or prompt\$4)) same (outside or separat\$3 or apart) same (table or hash\$3 or assign\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 17:14 |
| - | 155 | (voice near4 (interact\$5 or respon\$5 or prompt\$4)) same (tailor\$4 or attatch\$5 or outside or separat\$3 or apart) same (table or hash\$3 or assign\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 17:19 |
| - | 218 | ((voice near4 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or script\$1 or code or modul\$2) same (table or hash\$3 or assign\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 17:32 |
| - | 2594 | ((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) same (table or hash\$3 or assign\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 17:36 |
| - | 72 | ((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) same (table or hash\$3 or assign\$6) same database | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 18:00 |
| - | 687 | ((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) same (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) same (table or hash\$3 or assign\$6) same database | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 18:00 |

| | | | | |
|---|-----|---|---|---------------------|
| - | 3 | ((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) near3 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or re\$1compil\$6)same(table or hash\$3 or assign\$6) same database | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 18:04 |
| - | 56 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) same (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) near3 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or re\$1compil\$6)and(table or hash\$3 or assign\$6) same database | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 19:25 |
| - | 0 | 20030161449.URPN. | USPAT | 2004/07/19 18:11 |
| - | 467 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near4 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or re\$1compil\$6 or tailor\$3)and(table or hash\$3 or assign\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 18:23 |
| - | 474 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near4 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3)and(table or hash\$3 or assign\$6) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 12:40 |
| - | 418 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near4 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3)and(table or hash\$3 or assign\$6)) not (((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) same (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) near3 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or re\$1compil\$6)and(table or hash\$3 or assign\$6) same database) or (((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) near3 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or re\$1compil\$6)same(table or hash\$3 or assign\$6) same database) or (((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) same(table or hash\$3 or assign\$6) same database) or (((voice near4 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or script\$1 or code or modul\$2) same(table or hash\$3 or assign\$6))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 18:33 |

| | | | | |
|---|-----|--|---|---------------------|
| - | 414 | ((((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near4 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3)and(table or hash\$3 or assign\$6)) not (((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) same (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) near3 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or re\$1compil\$6)and(table or hash\$3 or assign\$6) same database) or (((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) near3 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or re\$1compil\$6)same(table or hash\$3 or assign\$6) same database) or (((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2)same(table or hash\$3 or assign\$6) same database) or ((voice near4 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or script\$1 or code or modul\$2)same(table or hash\$3 or assign\$6)))) not (((voice near4 (interact\$5 or respon\$5 or prompt\$4)) same (outside or separat\$3 or apart) same (table or hash\$3 or assign\$6)) or ((voice near4 (interact\$5 or respon\$5 or prompt\$4)) same (tailor\$4 or attatch\$5 or outside or separat\$3 or apart) same (table or hash\$3 or assign\$6)) or (((voice near4 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or script\$1 or code or modul\$2)same(table or hash\$3 or assign\$6))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 18:44 |
|---|-----|--|---|---------------------|

| | | | | |
|---|----|---|---|---------------------|
| - | 63 | ((((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near4 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3)and(table or hash\$3 or assign\$6)) not (((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) same (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) near3 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or re\$1compil\$6)and(table or hash\$3 or assign\$6) same database) or (((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2) near3 (modif\$4 or edit\$4 or chang\$4 or updat\$3 or add\$3 or re\$1compil\$6)same(table or hash\$3 or assign\$6) same database) or (((voice or speech\$2 or beep\$1 or tone\$1 or music or spoken or "synthesized words" or signal\$1 or audio\$1) same (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or call\$2flow or instruction\$1 or script\$1 or code or modul\$2)same(table or hash\$3 or assign\$6) same database) or (((voice near4 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or script\$1 or code or modul\$2)same(table or hash\$3 or assign\$6)))) not (((voice near4 (interact\$5 or respon\$5 or prompt\$4)) same (outside or separat\$3 or apart) same (table or hash\$3 or assign\$6)) or ((voice near4 (interact\$5 or respon\$5 or prompt\$4)) same (tailor\$4 or attatch\$5 or outside or separat\$3 or apart) same (table or hash\$3 or assign\$6)) or (((voice near4 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near5 (program\$3 or script\$1 or code or modul\$2)same(table or hash\$3 or assign\$6)))) and (database same (pre\$1recorded ro pre\$1determined or pre\$1stored)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/19 18:35 |
|---|----|---|---|---------------------|

| | | | | |
|---|-----|--|---|---------------------|
| - | 523 | ibm and (voice with response with interactive) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/19 19:11 |
| - | 181 | (ibm and (voice with response with interactive)) and ((loop\$lup or table or hash) same database) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/07/19 19:12 |

| | | | | |
|---|------|---|---|---------------------|
| - | 96 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near4 customiz\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 12:38 |
| - | 1460 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near4 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 12:45 |
| - | 1291 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near3 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 12:45 |
| - | 383 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near3 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3) and (pre\$1determined or pre\$1stored or pre\$1recorded) same (script\$1 or call\$2flow\$1 or "call flow" or application or module\$1 or code or program\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 13:01 |
| - | 79 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near3 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3) and (pre\$1determined or pre\$1stored or pre\$1recorded) same (script\$1 or call\$2flow\$1 or "call flow" or application or module\$1 or code or program\$1) and compil\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 12:48 |
| - | 80 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near3 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3) and (pre\$1determined or pre\$1stored or pre\$1recorded) same (script\$1 or call\$2flow\$1 or "call flow" or application or module\$1 or code or program\$1) and (compil\$5 or re\$1compil\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 12:49 |
| - | 93 | ((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near3 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3) and (pre\$1determined or pre\$1stored or pre\$1recorded) same (script\$1 or call\$2flow\$1 or "call flow" or application or module\$1 or code or program\$1) same (database or table) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 13:02 |

| | | | | |
|---|----|--|---|---------------------|
| - | 77 | (((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near3 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3)) and (pre\$1determined or pre\$1stored or pre\$1recorded) same (script\$1 or call\$2flow\$1 or "call flow" or application or module\$1 or code or program\$1)same (database or table)) not (((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near3 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3)) and (pre\$1determined or pre\$1stored or pre\$1recorded) same (script\$1 or call\$2flow\$1 or "call flow" or application or module\$1 or code or program\$1)) and (compil\$5 or re\$1compil\$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 13:03 |
| - | 66 | (((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near3 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3)) and (pre\$1determined or pre\$1stored or pre\$1recorded) same (script\$1 or call\$2flow\$1 or "call flow" or application or module\$1 or code or program\$1)same (database or table)) not (((voice near3 (interact\$5 or respon\$5 or prompt\$4)) or ivr) near3 (customiz\$5 or modif\$7 or replac\$4 or creat\$4 or develop\$4 or implement\$5 or edit\$4 or chang\$4 or updat\$3 or add\$3 or alter\$3 or re\$1compil\$6 or tailor\$3)) and (pre\$1determined or pre\$1stored or pre\$1recorded) same (script\$1 or call\$2flow\$1 or "call flow" or application or module\$1 or code or program\$1)) and (compil\$5 or re\$1compil\$5))) and (@ad<20010530 or @rlad<20010530 or @prad<20010530) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:19 |
| - | 2 | "6718017" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:20 |
| - | 1 | "6718017" and flow | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:20 |
| - | 1 | "6718017" and call | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 15:42 |
| - | 1 | "simplified telephony" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/20 17:54 |